

## INTERNATIONAL SEARCH REPORT

Rec'd PCT/PTO 10 DEC 2004

International Application No.

PCT/EP 03/06032

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 B66C1/66

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B66C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 01 98195 A (BROMMA CONQUIP) 27 December 2001 (2001-12-27) cited in the application page 9; claim 1; figures 1-8C	1, 22
A	SE 8 003 408 A (HÄGGLUND & SÖNER) 8 November 1981 (1981-11-08)	
A	US 4 244 615 A (BROWN) 13 January 1981 (1981-01-13)	
A	WO 97 39973 A (STINIS BEHEER) 30 October 1997 (1997-10-30) cited in the application	
A	DE 15 31 172 A (DE MAG) 11 December 1969 (1969-12-11)	

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \* & \* document member of the same patent family

Date of the actual completion of the international search

4 September 2003

Date of mailing of the international search report

12/09/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax (+31-70) 340-3016

Authorized officer

Van den Berghe, E

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 03/06032

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0198195	A	27-12-2001	AU 6649601 A CN 1437558 T EP 1301430 A1 WO 0198195 A1	02-01-2002 20-08-2003 16-04-2003 27-12-2001
SE 8003408	A	08-11-1981	NONE	
US 4244615	A	13-01-1981	NONE	
WO 9739973	A	30-10-1997	DE 69703736 D1 DE 69703736 T2 EP 0904248 A1 HK 1019221 A1 WO 9739973 A1 US 6145903 A US 6312213 B1	25-01-2001 07-06-2001 31-03-1999 18-05-2001 30-10-1997 14-11-2000 06-11-2001
DE 1531172	A	11-12-1969	DE 1531172 A1	11-12-1969